



Wire & Cable > Multicore Cable > EN 50306-3-RAIL Three Core Cable



Conductor Diameter Range: 1.3 mm [.051 in]

Number of Strands: 37

Strand Size: 33 AWG

Outside Cable Diameter: 4.5 – 5.5 mm [.177 – .217 in]

Operating Voltage: 300 V

[All EN 50306-3-RAIL Three Core Cable \(0\)](#)

Features

Product Type Features

Wall Type	Single Wall
Cable Style	Round Braided Shielded & Jacketed

Configuration Features

Number of Strands	37
Number of Conductors	3

Electrical Characteristics

Operating Voltage	300 V
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Body Features

Cable Shield Size	36 AWG
Shield Material	Tin-Plated Copper
Cable Color	Black
Wire Color (Base)	White
Conductor Material	Tin-Plated Copper

Dimensions

Conductor Diameter Range	1.3 mm[.051 in]
Strand Size	33 AWG



Outside Cable Diameter	4.5 – 5.5 mm[.177 – .217 in]
Wire Size	1 mm²
Conductor Insulation Diameter	1.63 mm[.064 in]

Usage Conditions

Operating Temperature Range	-40 – 120 °C
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Operation/Application

Shielded	Yes
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Product Compliance

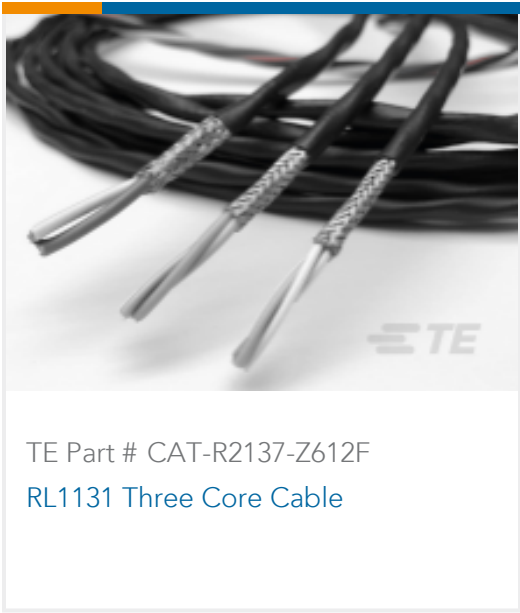
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

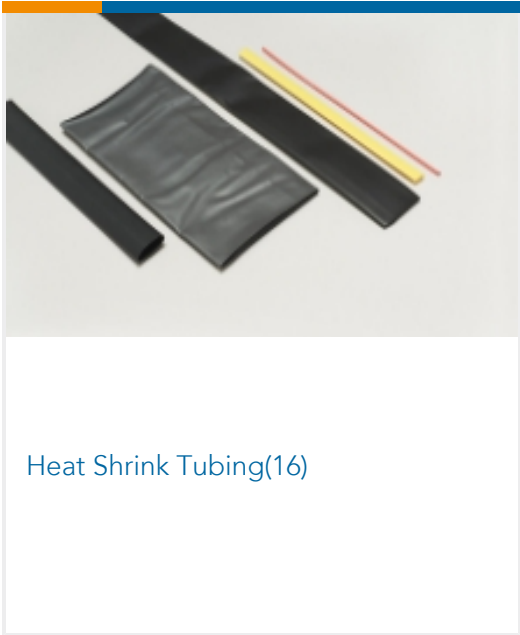
Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

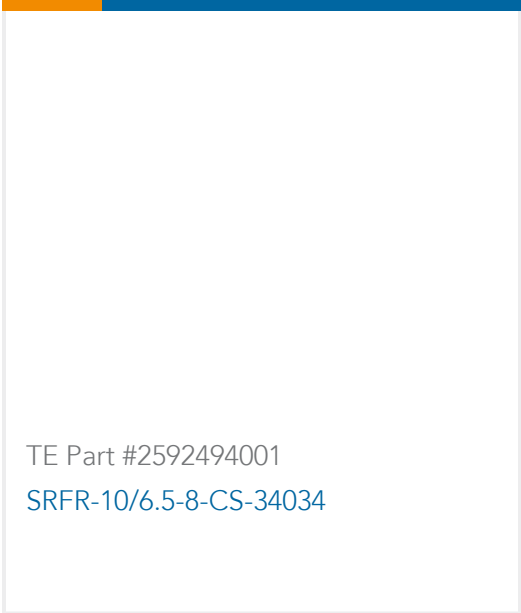
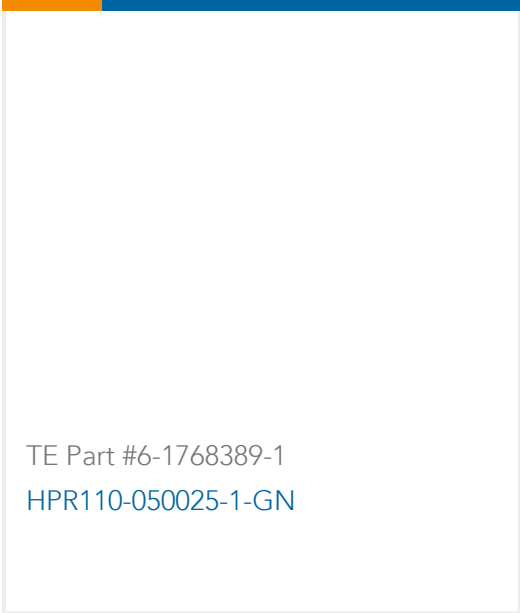
Compatible Parts



Also in the Series | RAYCHEM ZH-100



Customers Also Bought



Documents

Product Drawings
EN50306-3-RAIL-3X1.00

English

Datasheets & Catalog Pages
WTDS004 EN 50306 WIRE AND CABLE

English



WTDS-024 Current Capacity of TE Connectivity Rail Signal Wire Products

English